

Please amend the claims so that the set of claims is summarized as follows:

--1-37 (canceled)

38. (currently amended) A process for preparing an amyloid fibril, which process comprises:

a first step of preparing a solution having a pH between .5 and 6.5 at a temperature of from 0°C to 100°C comprising a protein, said solution being in a state so that the protein is at least partially denatured but self-association of the protein can still occur, and

a second step of allowing nucleation and growth of the amyloid ~~non-naturally occurring~~ fibril to take place;

wherein the process is selected from the group consisting of:

(a) a process wherein the protein is an SH3 domain of a p85 α subunit of PI3 kinase;

(b) a process wherein the protein is muscle acylphosphatase, the solution has 5-40% v/v trifluoroethanol, the solution has acetate buffer, and the allowing step extends for at least 32 hours;

(c) a process wherein the protein is CspB-1, CspB-2 and/or CspB-3, and the solution has 10-90% acetonitrile;

(d) a process wherein the protein is carboxypeptidase, the solution contains glycine, and the allowing step extends for at least 30 minutes; and

(e) a process wherein the protein is carboxypeptidase A2, and the solution has 4M to 7M urea.

40.-61. (canceled)